

SEQUENCE LISTING

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<120> Oligonucleotide Arrays for High
 Resolution HLA Typing

<130> 14538A-005210US

<140> US 10/018,112
 <141> Not yet assigned

<150> US 60/139,843
 <151> 1999-06-17

<150> WO PCT/US00/16722
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 accgggagac acagaagtac 20

<210> 114
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> HLA-B PCR probe K10, exon 3, location 181-200

 <400> 114
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 <210> 115
 <211> 20
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 <213> Artificial Sequence

 <220>
 <223> HLA-B PCR probe K11, exon 3, location 181-200

 <400> 115
 accggggagac acagatcttc 20

 <210> 116
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> HLA-B PCR probe L1, exon 3, location 201-220

 <400> 116
 aaggcccagg cacagactga 20

 <210> 117
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> HLA-B PCR probe L2, exon 3, location 201-220

 <400> 117
 aagaccaaca cacagactta 20

 <210> 118
 <211> 20
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 <213> Artificial Sequence

 <220>
 <223> HLA-B PCR probe L3, exon 3, location 201-220

 <400> 118
 aaggcctccg cgcagactta 20

 <210> 119
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<220>
 <223> HLA-B PCR probe L4, exon 3, location 201-220

 <400> 119
 aaggccaagg cacagactta 20

 <210> 120
 <211> 20
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 <220>
 <223> HLA-B PCR probe L5, exon 3, location 201-220

 <400> 120
 aaggccaagg cacagactga 20

 <210> 121
 <211> 20
 <212> DNA
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 <220>
 <223> HLA-B PCR probe L6, exon 3, location 201-220

 <400> 121
 aagcgccagg cacagactga 20

 <210> 122
 <211> 20
 <212> DNA
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 <220>
 <223> HLA-B PCR probe L7, exon 3, location 201-220

 <400> 122
 aagaccaaca cacagactga 20

 <210> 123
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 <220>
 <223> HLA-B PCR probe M1, exon 3, location 216-235

 <400> 123
 actgaccgag agagcctgcg 20

 <210> 124
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> HLA-B PCR probe M2, exon 3, location 216-235

 <400> 124
 acttaccgag agaacctgcg 20

<210> 125
 <211> 20
 <212> DNA
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 <220>
 <223> HLA-B PCR probe M3, exon 3, location 216-235

 <400> 125
 acttaccgag agagcctgcg 20

 <210> 126
 <211> 20
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 <213> Artificial Sequence

 <220>
 <223> HLA-B PCR probe M4, exon 3, location 216-235

 <400> 126
 actgaccgag aggacctgcg 20

 <210> 127
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> HLA-B PCR probe M5, exon 3, location 216-235

 <400> 127
 acttaccgag aggacctgcg 20

 <210> 128
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> HLA-B PCR probe M6, exon 3, location 216-235

 <400> 128
 actgaccgag tgagcctgcg 20

 <210> 129
 <211> 20
 <212> DNA
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 <220>
 <223> HLA-B PCR probe M7, exon 3, location 216-235

 <400> 129
 actgaccgag tgggcctgcg 20

 <210> 130
 <211> 20
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<220>
 <223> HLA-B PCR probe M8, exon 3, location 216-235

 <400> 130
 actgaccgag agaacctgcg 20

 <210> 131
 <211> 20
 <212> DNA
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 <220>
 <223> HLA-B PCR probe N1, exon 3, location 231-250

 <400> 131
 ctgcgacccg cgctccgcta 20

 <210> 132
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> HLA-B PCR probe N2, exon 3, location 231-250

 <400> 132
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 <210> 133
 <211> 20
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 <213> Artificial Sequence

 <220>
 <223> HLA-B PCR probe N3, exon 3, location 231-250

 <400> 133
 ctgcggaccc tgctccgcta 20

 <210> 134
 <211> 20
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 <220>
 <223> HLA-B PCR probe N4, exon 3, location 231-250

 <400> 134
 ctgcggaacc tgctccgcta 20

 <210> 135
 <211> 20
 <212> DNA
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 <220>
 <223> HLA-B PCR probe N5, exon 3, location 231-250

 <400> 135
 ctgcggaacc tgcgcgcta 20

<210> 136
 <211> 20
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 <213> Artificial Sequence

 <220>
 <223> HLA-B PCR probe O1, exon 3, location 251-270

 <400> 136
 ctacaaccag agcgaggacg 20

 <210> 137
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> HLA-B PCR probe O2, exon 3, location 251-270

 <400> 137
 ctacaaccag agcgaggccg 20

 <210> 138
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> two-step asymmetric PCR HLA-B Exon 2 3' primer

 <400> 138
 cggcctcgct ctggtttag 20

 <210> 139
 <211> 21
 <212> DNA
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 <220>
 <223> PCR amplification HLA-B Exon 3 5' primer

 <400> 139
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 <210> 140
 <211> 18
 <212> DNA
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 <220>
 <223> PCR amplification HLA-B Exon 3 3' primer

 <400> 140
 ccactgccc ctggtacc 18

 <210> 141
 <211> 15
 <212> DNA
 <213> Artificial Sequence

<220>

<223> 15-mer poly dT spacing group

<400> 141

tttttttttt ttttt

15